

MY Homework

Lesson 5

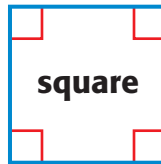
Shared Attributes of Quadrilaterals

Homework Helper



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The attributes of the quadrilaterals that you learned about in Lesson 4 were used to create the table.



Attribute	Quadrilateral(s)
Both pairs of opposite sides have the same length.	parallelogram, rectangle, square, rhombus
Both pairs of opposite sides are parallel.	parallelogram, rectangle, square, rhombus
Opposite angles are the same size.	parallelogram, rectangle, square, rhombus

Each quadrilateral has 4 sides and 4 angles.

Practice

1. Complete the attributes of a rectangle.

Opposite sides are _____.



Opposite sides are the same _____.


The figure has _____ right angles.

2. Circle the quadrilateral(s) that have all the attributes of a rectangle.

trapezoid parallelogram square rhombus



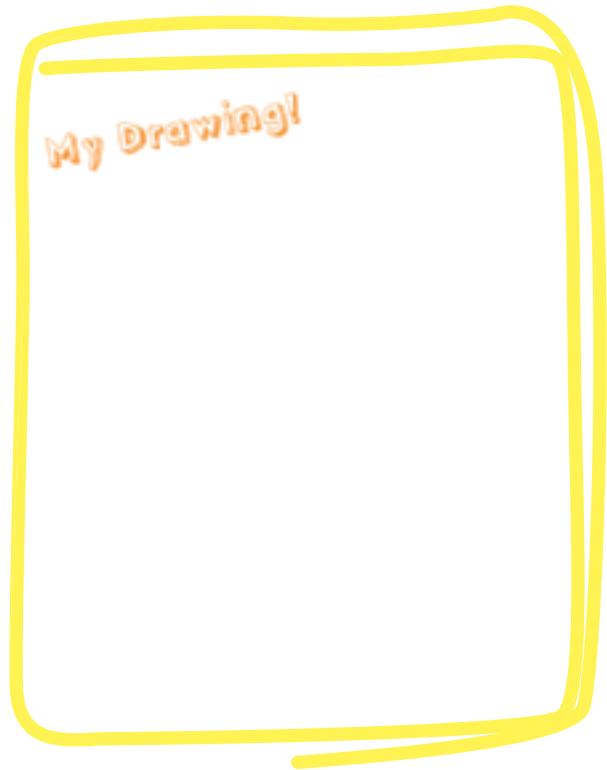
Problem Solving

- 3. PRACTICE**  **Reason** State whether the following statement is *true* or *false*. If false, explain why.
A trapezoid can also be classified as a parallelogram because it has parallel sides.



For Exercises 4–6, draw a quadrilateral that has the given attributes in the space provided.

- opposite sides are parallel
- four right angles
- four sides of equal length



Test Practice

7. Which statement about the figures shown below is true?



- (A) Figures 1 and 2 are parallelograms.
- (B) Figures 1 and 4 are quadrilaterals.
- (C) Figures 1 and 2 are rectangles.
- (D) Figures 1 and 3 are parallelograms.